

**EXHIBIT 4 OF ATTACHMENT J**

**BALLONA CREEK TRASH TMDL**  
**ANNUAL REPORT**

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**BALLONA CREEK WATERSHED  
TRASH TOTAL MAXIMUM DAILY LOAD MONITORING AND ANNUAL REPORT  
IMPLEMENTATION YEAR 10  
OCTOBER 1, 2013 to SEPTEMBER 30, 2014**

**Background**

On August 1, 2002, the Ballona Creek Trash Total Maximum Daily Load (TMDL) was approved and adopted. On February 8, 2005, a Regulatory Action was approved to amend and revise the TMDL. The TMDL implementation schedule requires a 10 percent progressive reduction of the trash baseline load each year starting two years (2004) after the establishment of the TMDL until the numeric target of zero trash is achieved (2013). The final compliance date of zero percent of the baseline load must be achieved by September 30, 2015.

**Potential Point Sources and Responsible Jurisdictions**

Per the 2008-2009 Ballona Creek Trash TMDL Annual Report, there were 310 catch basins that were originally identified that established the baseline condition for the County-unincorporated communities located within the Ballona Creek Watershed. There are five County-unincorporated communities within the Ballona Creek Watershed (attached Implementation Areas Map). Unincorporated communities make up 4.80 percent of the Ballona Creek Watershed. Pursuant to the TMDL, the County is responsible for the point-source trash contributed by the County-unincorporated communities within the Ballona Creek Watershed.

**Monitoring and Reporting**

In February 2004, the County submitted the Trash Baseline Monitoring Report for the Ballona Creek Watershed as required by the initial TMDL. Five land-use categories were monitored, and a baseline-waste load allocation value was calculated based on the monitoring results.

In April 2007, after extensive research, testing, and development, the County submitted a Full-Capture Device Technical Report <sup>1</sup> for the connector pipe screen (CPS) device to the Regional Board. The CPS device<sup>2</sup> was subsequently certified by the Regional Board as an approved full-capture device on August 1, 2007. According to the Regional Board, "a full-capture system is any single device or series of devices that traps all particles retained by a 5-millimeter mesh screen (100 percent trash removal) and has a design treatment capacity of not less than the peak-flow rate resulting from a one-year, one-hour, storm in the subdrainage area" (Resolution No. 04-023).

In accordance with the TMDL, the County has submitted an annual Status Report along with the Annual Storm Water Monitoring Report.

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<sup>1</sup> Technical Report - Connector Pipe Screen Design (Full-Capture TMDL Compliance, Screen and Bypassing Sizing Requirements). Dated April 2007.

<sup>2</sup> The list of Executive Officer approved full-capture systems is available at the following site:  
[http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/tmdl/full\\_capture\\_certification.shtml](http://www.waterboards.ca.gov/losangeles/water_issues/programs/tmdl/full_capture_certification.shtml)

The County's implementation strategy is to install full-capture devices in all feasible catch basins within the unincorporated areas of the County. The installation of these devices is being completed by construction contracts in order to address the required compliance deadlines. The initial contracts were located in the highest trash generating areas.

To date, three construction contracts have been awarded and implemented for the Ballona Creek watershed. The first contract included the installation of 235 CPS devices and was completed by December 2008. The second contract included the installation of 101 CPS devices and was completed by December 2009. The third contract included the installation of 29 CPS devices was completed by December 2013.

With the completion of the third contract, the County has retrofitted 100 percent of the initial 310 baseline count of catch basins within the County unincorporated areas within the Ballona Creek Watershed.

An additional 105 catch basins were identified during our investigation and identification process. Fifty Five (55) of those previously unidentified catch basins have already been retrofitted and the County is currently underway to install full-capture devices in the remaining 50 catch basins by early 2015.

Planning efforts are currently underway to install full capture devices in the remaining 50 catch basins for a total of 415 catch basins with full-capture devices. Outstanding Ballona Creek catch basins will be retrofitted in our next catch basin retrofit contract, which is scheduled to commence in February 2015. Construction is expected to be completed well prior to the September 2015 deadline.

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# BALLONA CREEK WATERSHED

## Unincorporated County Areas

